



FIG.1

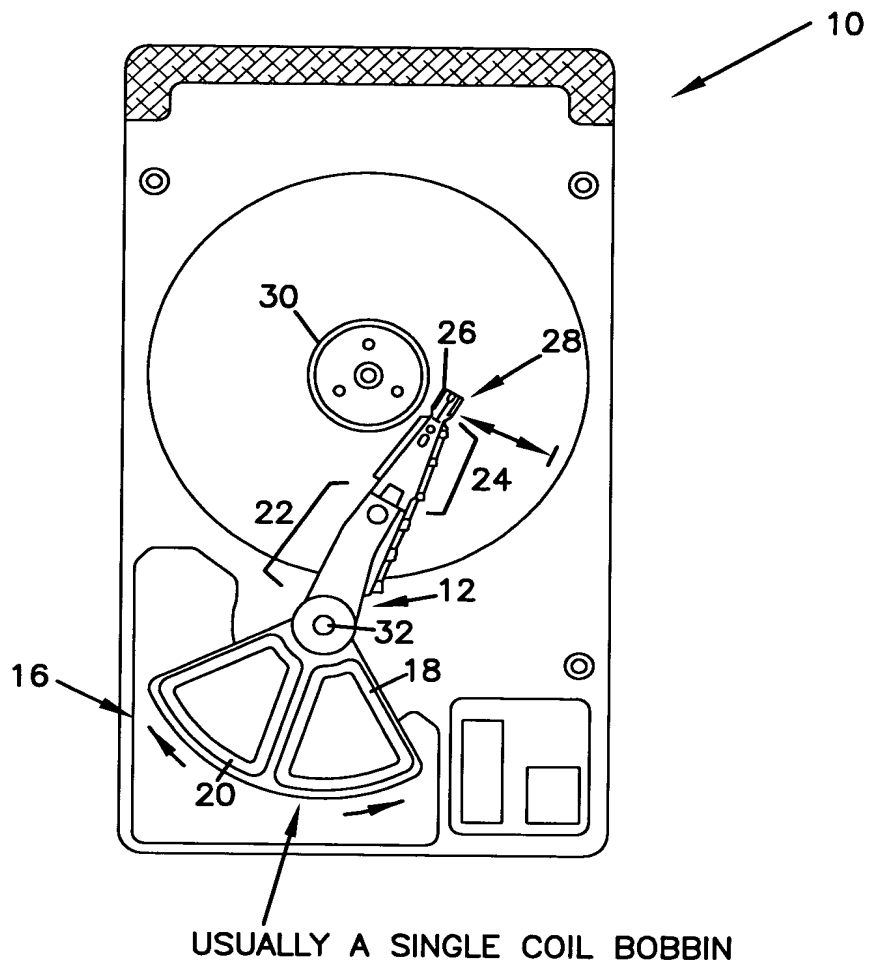


FIG.2

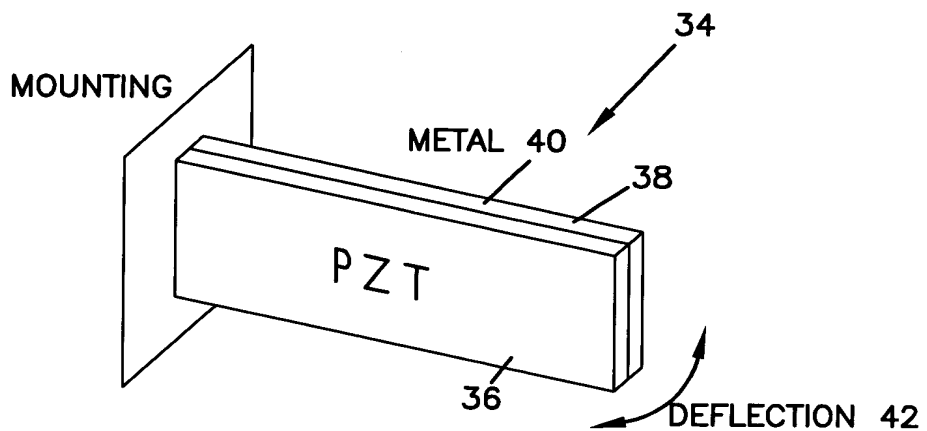




FIG.3

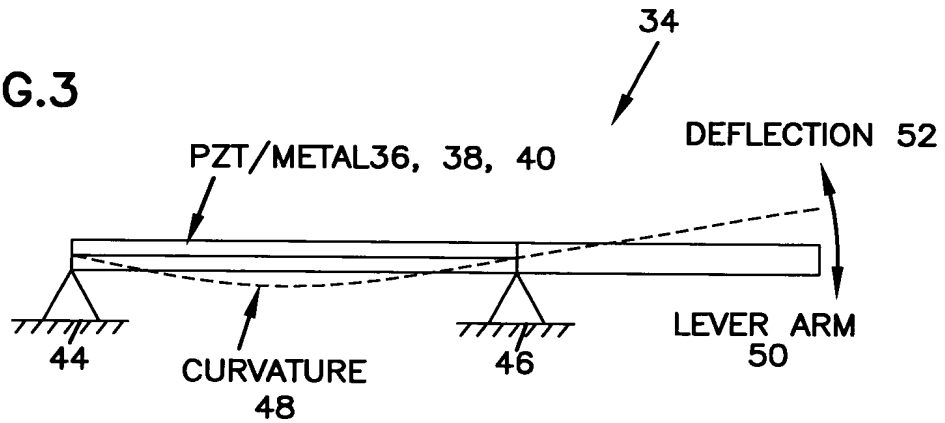


FIG.4

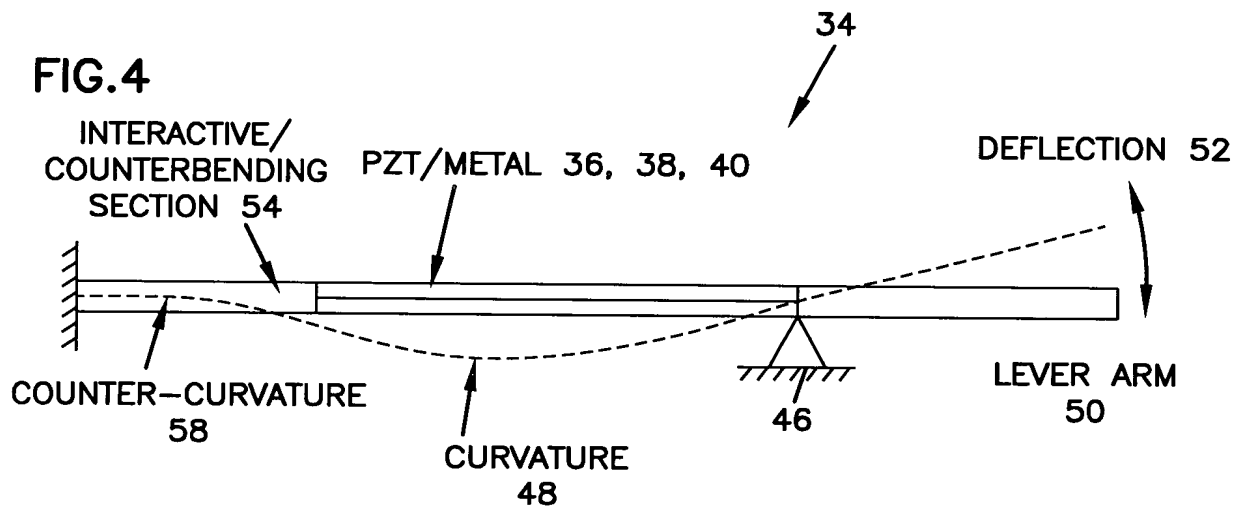
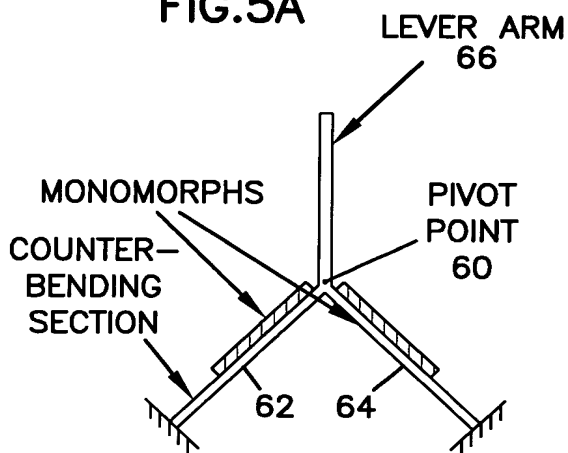
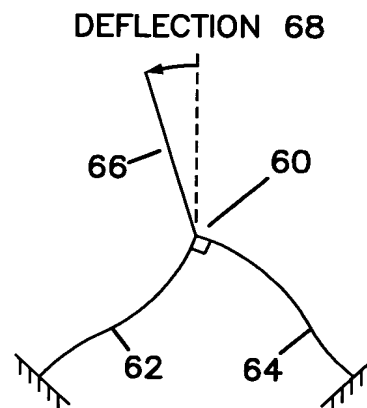


FIG.5A



BASIC STRUCTURE

FIG.5B



DEFORMATION SHAPE



FIG. 6

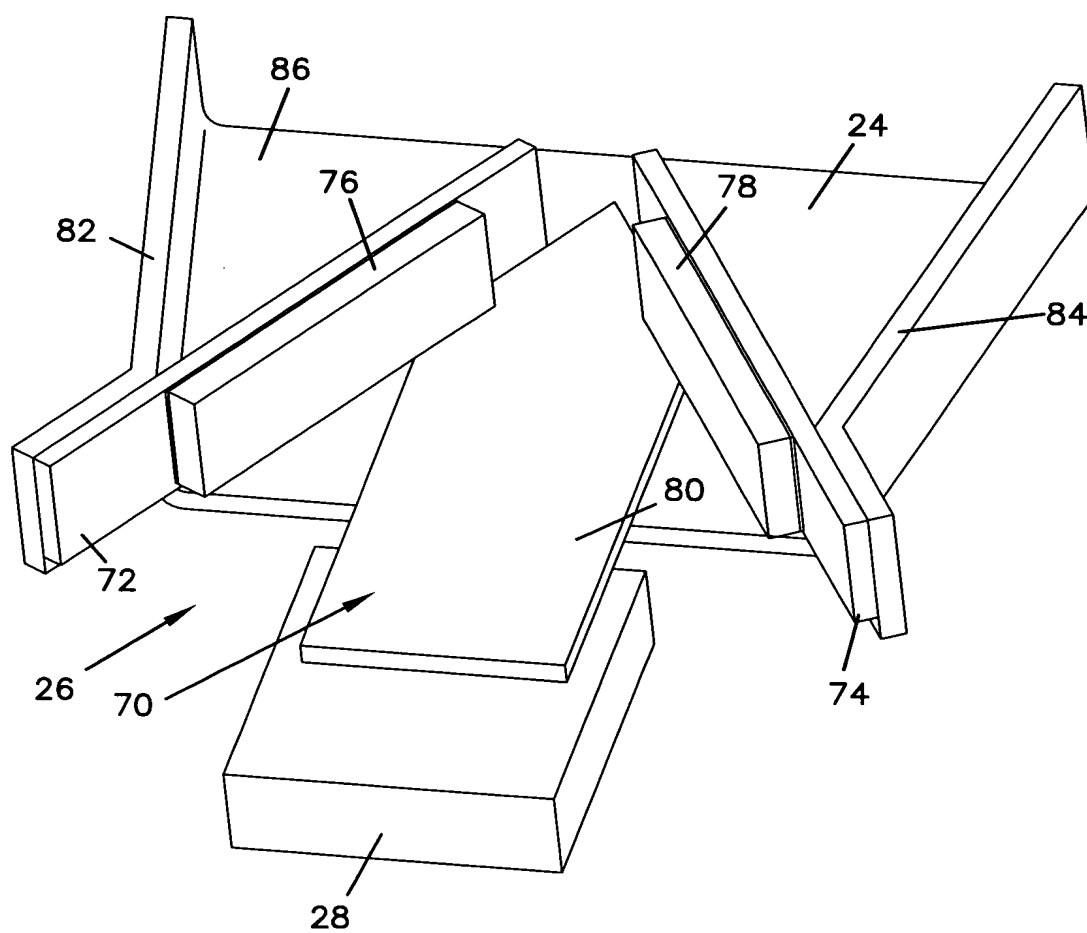




FIG.7

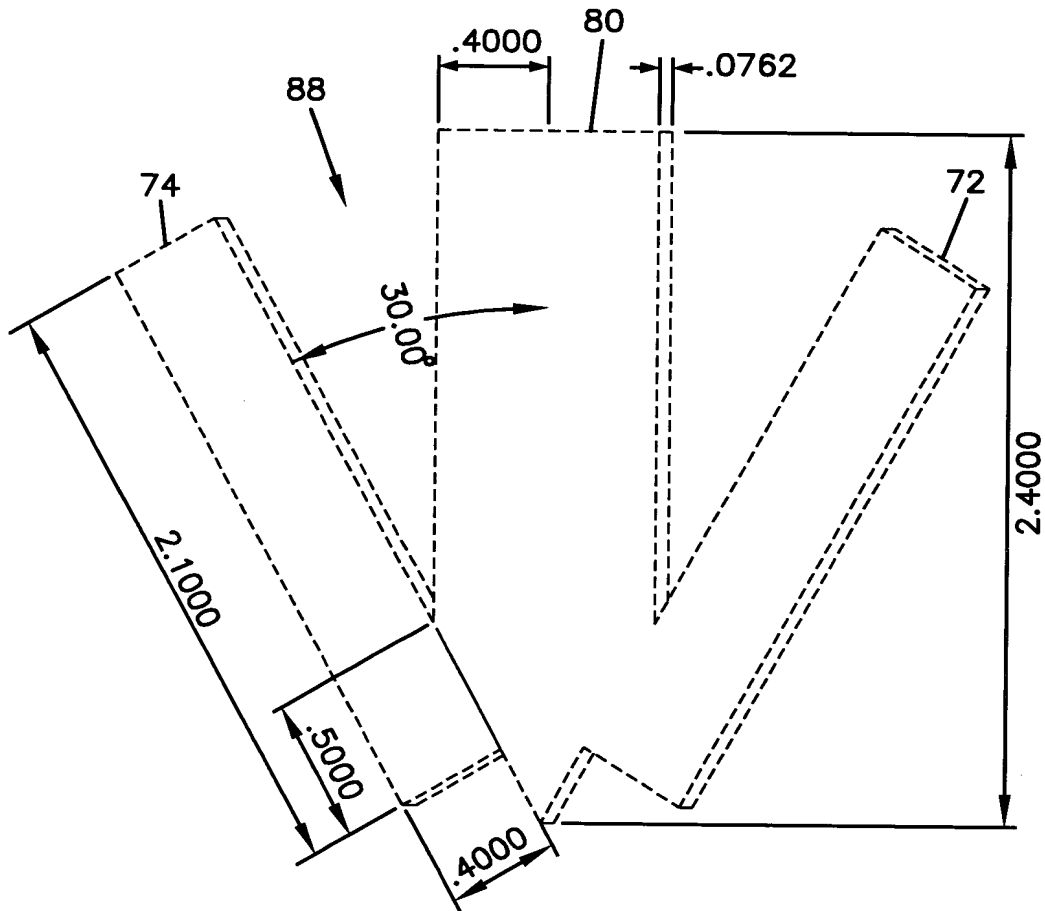




FIG.8

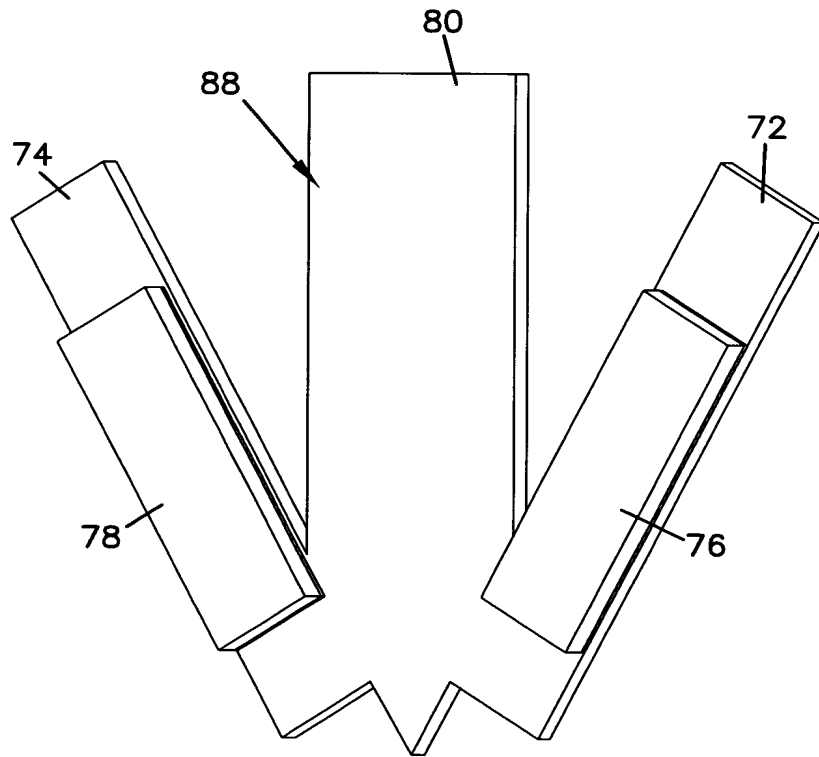
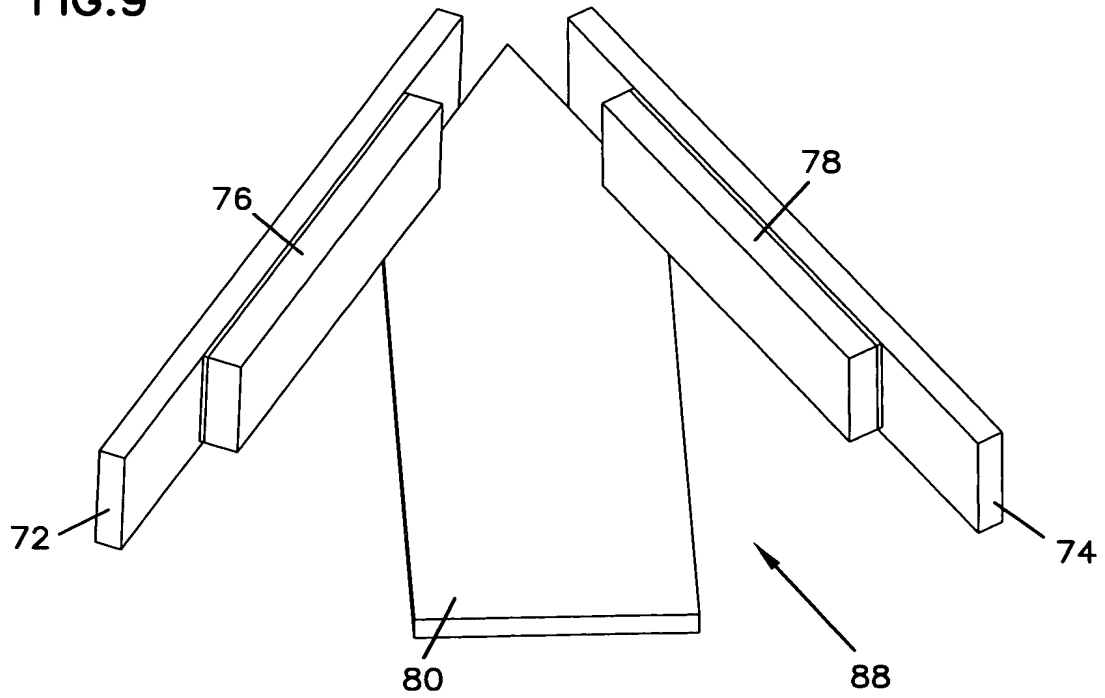


FIG.9



**FIG.11**

FIG. 11 is a perspective view of a second embodiment of the device. It shows a similar assembly with a base 28, a central plate 24, and two side plates 78 and 84. The side plates 78 and 84 have top surfaces 74 and 76, and vertical edges 72 and 76. A label 26 points to the side plate 78. A label 82 points to the top surface of the left side plate.



FIG. 12

RESULTS:1-B.C. 1, LOAD 0, DISPLACEMENT\_1  
DISPLACEMENT-MAG MIN:0.00E+00 MAX:5.58E-02  
DEFORMATION:1-B.C. 1, LOAD 0, DISPLACEMENT\_1  
DISPLACEMENT-MAG MIN:0.00E+00 MAX:5.50E-02  
FRAME OF REF: PART

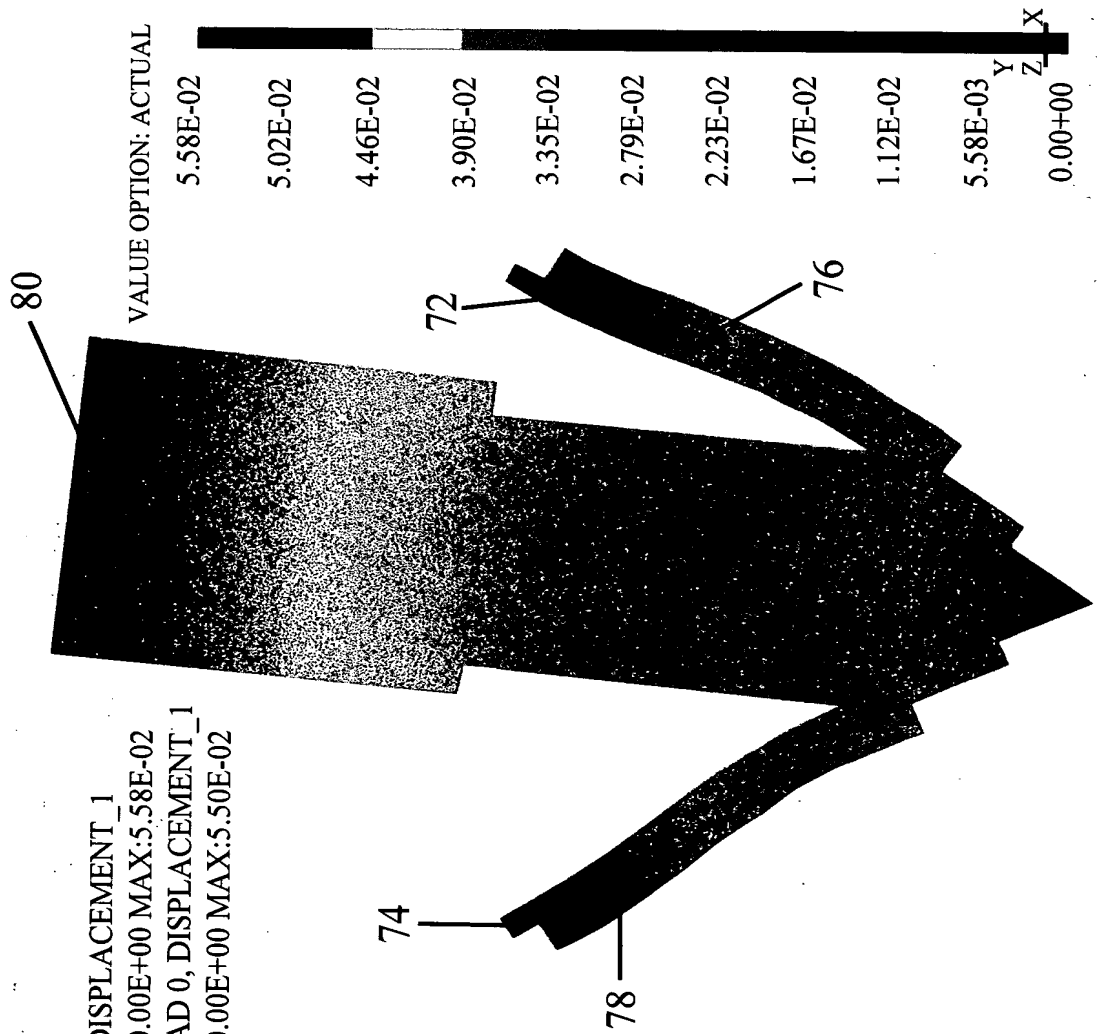




FIG.13

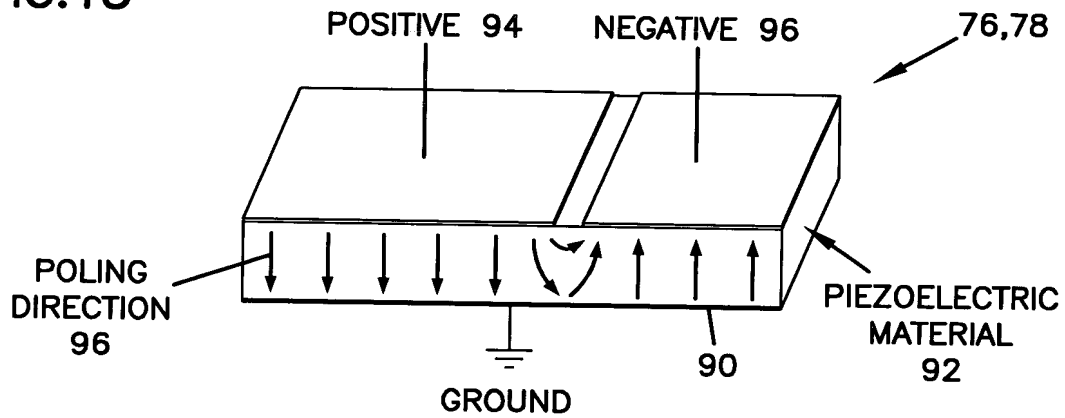


FIG.14

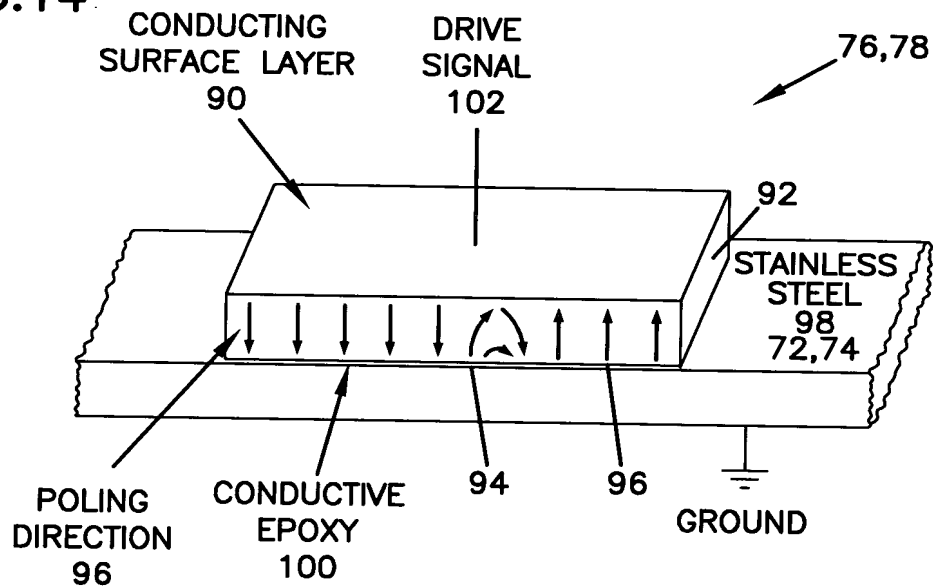
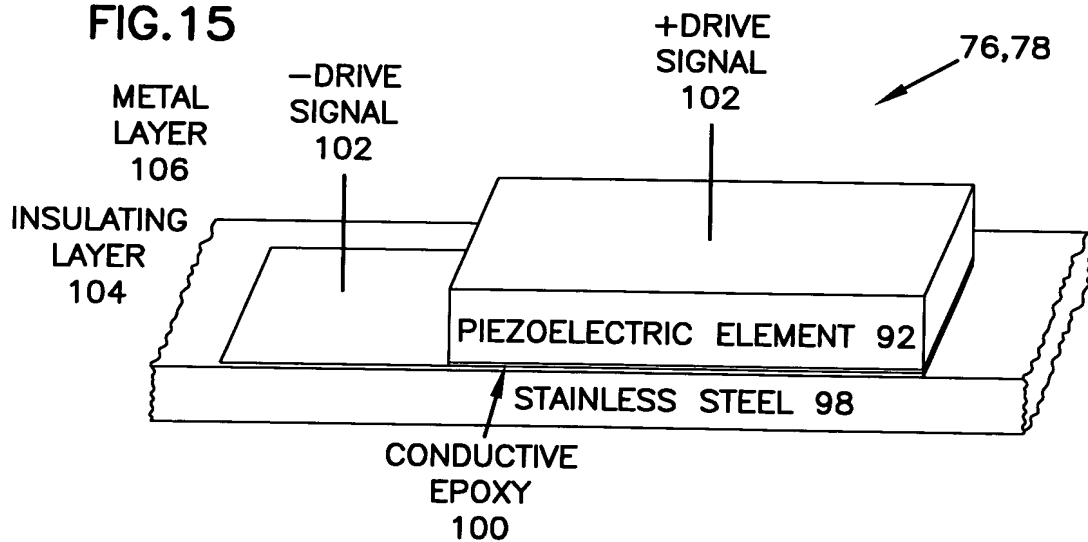


FIG.15







Inventor: Murphy  
Docket No.: 30874.0119USU1  
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FIG. 16

RESULTS:2-B.C. 2, MODE 1, STRESS\_2  
MODE:1 FREQ: 9137.90  
STRESS-MAX PRIN MIN:-6.18E+03 MAX:6.09E+04  
DEFORMATION:1-B.C. 2, MODE 1, DISPLACEMENT\_1  
MODE:1 FREQ: 9137.90  
DISPLACEMENT-MAG MIN:0.00E+00 MAX:1.01E+03  
FRAME OF REF: PART

